ANNUAL REPORT

SAFETY DIVISION '80

Northwest Territories Canada

37

Safety Division

Annual Report 1980

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The Division is divided into five sections.

The Fire Safety Section — administers the Fire Prevention Ordinance and its regulations. These regulations control the installation of gas, propane and oil fired equipment, extinguishers and the building of structures. It also administers the Petroleum Products Ordinance.

The Mechanical/Electrical Section — administers the Electrical Protection Ordinance, the Boilers and Pressure Vessels Ordinance and their respective regulations and the Electrical Regulations.

The Industrial Safety Section — administers the Industrial Safety Ordinance and its regulations. This ordinance regulates on safety in the workplace.

The Occupational Health Section — regulates on contaminants and pollutants in the workplace and sets the threshold limits. The Head of Occupational Health is also the Registrar of Miners' Medical Certificates.

The Labour Section — administers the Labour Standards Ordinance, Fair Practices Ordinance, Wage Recovery Ordinance and the Employment Agencies Ordinance.

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We have become increasingly aware of the urgent need to make safety consciousness a part of everyone's lifestyle at home, at school, at work and at play. Preventable accidents continue to occur and we must draw this fact to public attention in the hope of reducing the incidence of such accidents.

In promoting public awareness we have made, and will continue to make, increasing use of films, literature, Anikinfo advertisements and other audio-visual aids. We are currently developing a special program for high school students designed to promote safety consciousness before they enter the industrialized work force.

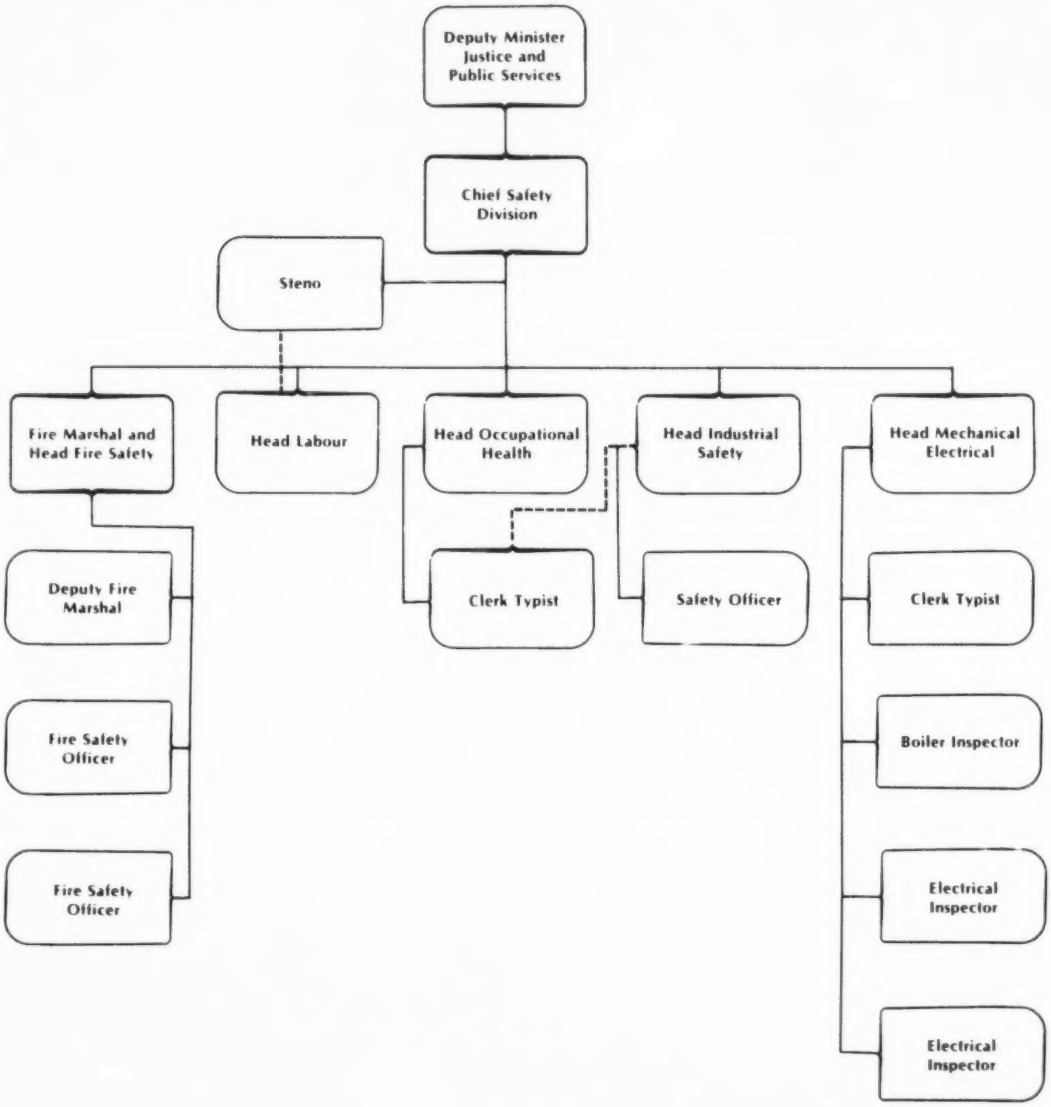
Workplace and public building inspections have been conducted throughout the N.W.T. and in every case the emphasis has been placed on joint consultation with employer and employees with a view of developing an attitude of willing compliance to required codes and standards.

The ability of this Division to provide information on all aspects of public, fire, electrical, mechanical, industrial and occupational health and safety has been greatly enhanced by the addition of the computer terminal link with the Canadian Centre for Occupational Health and Safety data base system.

It is with regret that I report that fires caused the loss of 16 lives and over $6 million in property during the year. We are determined to do everything possible to impress upon all N.W.T. residents that this situation can, and must, improve. The hard work and dedication of all N.W.T. firefighters should be acknowledged for they receive little public recognition for providing such a vital service.

Respectfully submitted,

M. J. Hewitt


Deputy Minister Justice and Public Services
Chief Safety Division
Steno
Fire Marshal and Head Fire Safety
Head Labour
Head Occupational Health
Head Industrial Safety
Head Mechanical Electrical
Deputy Fire Marshal
Fire Safety Officer
Fire Safety Officer
Clerk Typist
Safety Officer
Clerk Typist
Boiler Inspector
Electrical Inspector
Electrical Inspector

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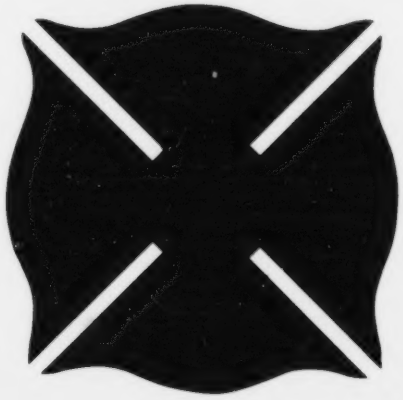
FIRE SAFETY



L. D. McPhee
Head, Fire Marshal

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During the past year the Fire Safety Section experienced several major changes.

First with the appointment of the Head of Fire Safety as Fire Marshal and the Sr. Fire Safety Officer as Deputy Fire Marshal.

The Section name was changed from Fire Marshal's office to Fire Safety Section.

Under the direction of the Chief of Safety the Ordinance pertaining to the Fire Section has been reviewed, changed and submitted to the Commissioner and N.W.T. Council for approval; this will be completed by May of 1981.

During the year 1980, the members of this office attended the following seminars and courses, in order to upgrade themselves in Fire Safety:

P.A.N.B.C.
A.C.F.M. & F.C.
C.A.F.C.
N.W.T.A.F.C. & F.F.
D.P.W. pump O & M
Hamilton — Sr. Inst.
Trans. of Haz. Goods
Eng. Mines & Res. — Wood Burning
Fire Investigation
Report writing and court procedure
O & M of Gas Appliances
Legal interp. of F.P. Ordinance
Ind. Safety Seminars

Considerable time was spent on fire investigations due to fires caused by carelessness, mischievous and premeditated acts; as a result the first successful arson case in the Supreme Court with a guilty verdict in November of 1980 with sentencing in January of 1981.

Through the joint effort of Department of Public Works and Department of Local Government and this office the proposed five year forecast of 1975 is approximately 95% complete. This forecast involved the building of Fire halls, purchase of Fire vehicles and Fire fighting equipment for the municipalities within the N.W.T.

Municipal fire alarms are also included in this forecast and it is hoped that by the Fall of 1981 this portion of the forecast will be completed.

During the year of 1980 Fire Departments utilized the film library extensively, for local training.

Plan review and inspections were approximately the same as previous years again this office received considerable assistance from the Local Fire Chiefs.

In conclusion, the Fire Loss and Fire related deaths were extreme in the year 1980. However, with the assistance of the Fire Chiefs, Department Local Government Training division and Department of Information it is hoped to reduce this loss in the coming years.

Fire Chiefs

Aklavik	Buck Storr
Arctic Bay	Frank Pearce
Arctic Red River	Billy Cardinal
Baker Lake	
Broughton Island	Markosie Audlakiak
Cambridge Bay	Wilf MacDonald
Cape Dorset	Aningmiuq Samayuale
Chesterfield Inlet	Andre Tatu
Clyde River	Elisha Sanguya
Coppermine	B. Adamache
Coral Harbour	K. Alogut
Edzo	Lloyd Taylor
Eskimo Point	Peter Meekuneak
Fort Franklin	Joachim Bonnetrouge
Frobisher Bay	Marcel Turgeon
Gjoa Haven	Louie Qingnatuk
Fort Good Hope	Arthur Shea
Grise Fiord	Josephie Kiguaktak
Hall Beach	Simon Nattaq
Hay River	Al Gagnon

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Holman Island	Noah Akhiatak
Igloolik	Thomas Kublu
Inuvik	Andrew Davis
Lake Harbour	Tipanasee Kilabuk
Fort Liard	
Fort McPherson	
Fort Norman	
Norman Wells	Dennis Gamache
Pangnirtung	Tim Dialla
Paulatuk	David Ruben
Pelly Bay	Sam Inaksajak
Pine Point	Mel Logan
Pond Inlet	Alan Maktar
Fort Providence	Francis Jenkins
Rae	
Rankin Inlet	Paul Kanayok
Repulse Bay	Jack Anawak
Resolute Bay	
Fort Resolution	Cecil Lafferty
Sachs Harbour	Ed Bennington
Sanikiluaq	Johnny Meeko Jr.
Fort Simpson	Gerry McCowan
Fort Smith	Frank Price
Spence Bay	Pat Lyall
Nanisivik	Jack Markle
Tuktoyaktuk	Terry Testart
Tungsten	Gordon Conner
Whale Cove	Paul Sabourin
Wrigley	Henrey Hardisty
Yellowknife	Gerry James
Pine Point Mines	Carl Simms
Giant Yellowknife Mine	
Imperial Oil	
— Norman Wells	Bill Wilson
Transport Canada	
— Inuvik	Barry Ledoux
— Norman Wells	John Kemp
— Yellowknife	Pierre Corbiel
— Hay River	Ken Comeau
— Fort Simpson	
— Fort Smith	Bernie Toner

Fire Truck Distribution

An increased awareness of the isolation of many hamlets and settlements has brought up to date fire fighting vehicles and equipment to aid in the saving of lives and property. Previously, the local water delivery tanker, wheeled or hand held fire extinguishers were the sole means of combating small and large fires within many of the communities.

Some of the hamlets and settlements have grown in size and consequently, require larger fire fighting vehicles than those currently in place. In such cases, larger vehicles are being provided and the smaller units properly refitted and placed in communities with no fire truck.

All fire fighting vehicles, large and small, are properly equipped with fire hose, ladders, breathing apparatus, protective clothing and assorted fire fighting tools.

The added protection afforded by the modern equipment, usually housed in well constructed fire halls, places many hamlets and settlements on par with their southern counterparts.

The new fire trucks were produced by the Superior Fire Engine Co. of Red Deer, Alberta and are rated at 625 GPM at 2200 RPM and the tanks contain 1003 IMPG of water.

The communities receiving their new trucks in 1980 were:

Cambridge Bay
Coral Harbour
Eskimo Point
Gjoa Haven
Sanikiluaq
Pelly Bay
Fort Norman
Pangnirtung
Fort Franklin
Repulse Bay

Further deliveries are expected in 1981.

Fire Losses By Community

Municipality	Year	No. of Fires	Insured Loss	Uninsured Loss	Total
Aklavik	1976	2	$22,700.00	$ 11,000.00	$ 33,700.00
	1977	1	*	$ 28,500.00	$ 28,500.00
	1978	5	$ 20.00	$ 3,400.00	$ 3,420.00
	1979	2	$ 4,000.00	$ 70,000.00	$ 74,000.00
	1980	**2**	*	**$ 9,200.00**	**$ 9,200.00**
Arctic Bay	1976	1	$30,000.00	$ 12,000.00	$ 42,000.00
	1977	2	*	$ 400.00	$ 400.00
	1978	*	*	*	*
	1979	*	*	*	*
	1980	**2**	*	**$ 9,500.00**	**$ 9,500.00**
Arctic Red River	1976	*	*	*	*
	1977	*	*	*	*
	1978	1	*	$ 1,500.00	$ 1,500.00
	1979	*	*	*	*
	1980	*	*	*	*
Baker Lake	1976	1	*	$ 1,000.00	$ 1,000.00
	1977	2	$50,000.00	$ 50,955.00	$100,955.00
	1978	*	*	*	*
	1979	2	*	$251,100.00	$251,100.00
	1980	*	*	*	*
Broughton Island	1976	*	*	*	*
	1977	*	*	*	*
	1978	3	$ 600.00	$ 1,200.00	$ 1,800.00
	1979	2	*	$ 28,361.00	$ 28,361.00
	1980	*	*	*	*
Cambridge Bay	1976	3	*	$ 16,350.00	$ 16,350.00
	1977	1	*	$ 11,000.00	$ 11,000.00
	1978	*	*	*	*
	1979	6	$31,500.00	$ 86,000.00	$117,500.00
	1980	**4**	*	**$ 39,100.00**	**$ 39,100.00**

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Municipality	Year	No. of Fires	Insured Loss	Uninsured Loss	Total
Cape Dorset	1976	*	*	*	*
	1977	1	*	$ 70,000.00	$ 70,000.00
	1978	1	*	$ 100.00	$ 100.00
	1979	2	*	$ 75,000.00	$ 75,000.00
	1980	*	*	*	*
Coppermine	1976	*	*	*	*
	1977	1	*	$ 800.00	$ 800.00
	1978	*	*	*	*
	1979	4	*	$120,060.00	$120,060.00
	1980	*	*	*	*
Coral Harbour	1976	*	*	*	*
	1977	1	*	$ 60.00	$ 60.00
	1978	*	*	*	*
	1979	*	*	*	*
	1980	*	*	*	*
Edzo	1976	*	*	*	*
	1977	*	*	*	*
	1978	1	*	$ 8,000.00	$ 8,000.00
	1979	*	*	*	*
	1980	*	*	*	*
Enterprise	1976	*	*	*	*
	1977	*	*	*	*
	1978	1	*	$ 12,000.00	$ 12,000.00
	1979	*	*	*	*
	1980	*	*	*	*
Eskimo Point	1976	*	*	*	*
	1977	1	*	$ 1,000.00	$ 1,000.00
	1978	3	*	$251,050.00	$251,050.00
	1979	2	*	$ 5,200.00	$ 5,200.00
	1980	*	*	*	*
Fort Franklin	1976	*	*	*	*
	1977	2	*	$ 70,150.00	$ 70,150.00
	1978	2	$18,000.00	$ 22,875.00	$ 40,875.00
	1979	2	$ 3,000.00	$ 1,900.00	$ 4,900.00
	1980	*	*	*	*

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Municipality	Year	No. of Fires	Insured Loss	Uninsured Loss	Total
Frobisher Bay	1976	19	*	$ 38,855.00	$ 38,855.00
	1977	13	$29,000.00	$ 8,195.00	$ 37,195.00
	1978	13	$18,000.00	$198,100.00	$216,100.00
	1979	13	$31,000.00	$150,600.00	$181,600.00
	1980	**13**	*	**$139,800.00**	**$139,800.00**
Gjoa Haven	1976	1	$35,815.00	*	$ 35,815.00
	1977	2	*	$ 5,100.00	$ 5,100.00
	1978	*	*	*	*
	1979	*	*	*	*
	1980	**1**	*	**$ 70,000.00**	**$ 70,000.00**
Fort Good Hope	1976	2	*	$ 250.00	$ 250.00
	1977	*	*	*	*
	1978	1	*	$ 200.00	$ 200.00
	1979	*	*	*	*
	1980	**1**	*	**$ 70,000.00**	**$ 70,000.00**
Hall Beach	1976	*	*	*	*
	1977	1	*	$ 200.00	$ 200.00
	1978	*	*	*	*
	1979	*	*	*	*
	1980	*	*	*	*
Hay River	1976	21	$568,600.00	$ 20,235.00	$588,835.00
	1977	15	*	$234,240.00	$234,240.00
	1978	15	$ 8,750.00	$249,645.00	$258,395.00
	1979	21	$ 77,478.00	$273,815.00	$351,293.00
	1980	**22**	**$ 88,500.00**	**$ 86,050.00**	**$174,550.00**
Holman Island	1976	1	*	$ 100.00	$ 100.00
	1977	*	*	*	*
	1978	1	$ 5,000.00	$ 10,000.00	$ 15,000.00
	1979	*	*	*	*
	1980	*	*	*	*
Inuvik	1976	19	$231,570.00	$ 26,275.00	$257,845.00
	1977	14	$ 44,250.00	$ 50,490.00	$ 94,740.00
	1978	27	$ 14,925.00	$118,460.00	$133,385.00
	1979	27	$ 74,250.00	$512,705.00	$586,955.00
	1980	**21**	**$176,000.00**	**$ 80,700.00**	**$256,700.00**

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Municipality	Year	No. of Fires	Insured Loss	Uninsured Loss	Total
Lac La Martre	1976	1	*	$ 500.00	$ 500.00
	1977	*	*	*	*
	1978	*	*	*	*
	1979	*	*	*	*
	1980	*	*	*	*
Fort Liard	1976	2	$ 15,000.00	$ 500.00	$ 15,500.00
	1977	1	*	$ 1,900.00	$ 1,900.00
	1978	1	*	$ 3,359.00	$ 3,359.00
	1979	*	*	*	*
	1980	**1**	*	**$ 1,200.00**	**$ 1,200.00**
Fort McPherson	1976	5	*	$ 68,040.00	$ 68,040.00
	1977	3	$ 6,500.00	$ 11,000.00	$ 17,500.00
	1978	2	$ 5,000.00	$ 3,000.00	$ 8,000.00
	1979	*	*	*	*
	1980	*	*	*	*
Nahanni Butte	1976	*	*	*	*
	1977	*	*	*	*
	1978	*	*	*	*
	1979	2	*	$ 17,000.00	$ 17,000.00
	1980	*	*	*	*
Nanisivik	1976	*	*	*	*
	1977	*	*	*	*
	1978	*	*	*	*
	1979	1	*	$ 300.00	$ 300.00
	1980	*	*	*	*
Norman Wells	1976	4	$ 1,500.00	$ 19,500.00	$ 21,000.00
	1977	3	$ 6,500.00	$ 11,000.00	$ 17,500.00
	1978	2	$ 5,000.00	$ 3,000.00	$ 8,000.00
	1979	4	$ 99,250.00	$127,500.00	$226,750.00
	1980	**5**	**$666,500.00**	**$ 12,150.00**	**$678,650.00**
Fort Norman	1976	*	*	*	*
	1977	1	$ 55,000.00	$ 20,000.00	$ 75,000.00
	1978	*	*	*	*
	1979	1	*	$ 10,000.00	$ 10,000.00
	1980	*	*	*	*

Municipality	Year	No. of Fires	Insured Loss	Uninsured Loss	Total
Pangnirtung	1976	4	*	$ 480.00	$ 480.00
	1977	*	*	*	*
	1978	*	*	*	*
	1979	1	*	$ 50.00	$ 50.00
	1980	**1**	*	**$349,999.00**	**$349,999.00**
Pelly Bay	1976	2	*	$ 50,100.00	$ 50,100.00
	1977	*	*	*	*
	1978	*	*	*	*
	1979	1	*	$150,000.00	$150,000.00
	1980	*	*	*	*
Pine Point	1976	11	$ 14,680.00	$ 5,150.00	$ 19,830.00
	1977	12	$ 88,250.00	$ 100.00	$ 88,350.00
	1978	8	$121,315.00	$ 23,000.00	$144,315.00
	1979	14	$ 13,910.00	$ 85,455.00	$ 99,365.00
	1980	**9**	**$ 31,300.00**	**$3,503,900.00**	**$3,535,200.00**
Pond Inlet	1976	1	*	$ 67,000.00	$ 67,000.00
	1977	2	$ 125.00	$ 400.00	$ 525.00
	1978	*	*	*	*
	1979	2	*	$105,000.00	$105,000.00
	1980	**2**	**$ 5,000.00**	**$ 8,000.00**	**$ 13,000.00**
Fort Providence	1976	1	*	$ 31,000.00	$ 31,000.00
	1977	1	*	$ 300.00	$ 300.00
	1978	3	*	$ 3,150.00	$ 3,150.00
	1979	1	$ 53,600.00	$16,400.00	$ 70,000.00
	1980	**2**	**$ 7,000.00**	**$ 500.00**	**$ 7,500.00**
Rae	1976	3	*	$ 6,100.00	$ 6,100.00
	1977	2	*	$ 8,300.00	$ 8,300.00
	1978	1	*	$ 100.00	$ 100.00
	1979	1	*	$ 19,000.00	$ 19,000.00
	1980	**3**	*	**$ 33,000.00**	**$ 33,000.00**
Rankin Inlet	1976	*	*	*	*
	1977	1	*	$ 36,000.00	$ 36,000.00
	1978	5	*	$4,709,000.00	$ 4,709,000.00
	1979	4	*	$ 42,000.00	$ 42,000.00
	1980	**8**	*	**$146,500.00**	**$146,500.00**

Municipality	Year	No. of Fires	Insured Loss	Uninsured Loss	Total
Resolute Bay	1976	1	*	$ 14,000.00	$ 14,000.00
	1977	2	$ 1,800.00	$ 150.00	$ 1,950.00
	1978	*	*	*	*
	1979	*	*	*	*
	1980	**1**	*	**$ 25,000.00**	**$ 25,000.00**
Fort Resolution	1976	8	$ 31,050.00	$ 71,770.00	$102,820.00
	1977	*	*	*	*
	1978	3	*	$ 1,750.00	$ 1,750.00
	1979	1	$ 53,600.00	$ 16,400.00	$ 70,000.00
	1980	*	*	*	*
Sachs Harbour	1976	1	$ 300.00	*	$ 300.00
	1977	*	*	*	*
	1978	*	*	*	*
	1979	*	*	*	*
	1980	*	*	*	*
Sanikiluaq	1976	*	*	*	*
	1977	1	*	$ 550.00	$ 550.00
	1978	*	*	*	*
	1979	*	*	*	*
	1980	**1**	*	**$ 70,000.00**	**$ 70,000.00**
Fort Simpson	1976	8	$ 18,250.00	$ 53,525.00	$ 71,775.00
	1977	2	*	$ 21,700.00	$ 21,700.00
	1978	1	*	$ 15,000.00	$ 15,000.00
	1979	3	$ 800.00	$ 25,000.00	$ 25,800.00
	1980	**1**	**$ 19,000.00**	*	**$ 19,000.00**
Fort Smith	1976	2	*	$ 1,600.00	$ 1,600.00
	1977	2	*	$ 7,100.00	$ 7,100.00
	1978	2	*	$100,000.00	$100,000.00
	1979	6	$104,767.00	$ 12,888.00	$117,655.00
	1980	**7**	**$ 50,000.00**	**$360,400.00**	**$410,400.00**
Snowdrift	1976	1	*	$ 2,300.00	$ 2,300.00
	1977	*	*	*	*
	1978	*	*	*	*
	1979	*	*	*	*
	1980	*	*	*	*

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Municipality	Year	No. of Fires	Insured Loss	Uninsured Loss	Total
Spence Bay	1976	*	*	*	*
	1977	1	*	$ 100 00	$ 100 00
	1978	*	*	*	*
	1979	*	*	*	*
	1980	**1**	*	**$ 54,000.00**	**$ 54,000.00**
Tuktoyaktuk	1976	2	*	$ 12,500 00	$ 12,500 00
	1977	4	*	$155,000 00	$155,000 00
	1978	1	*	$ 100 00	$ 100 00
	1979	8	$200,000 00	$137,125 00	$337,125 00
	1980	**6**	*	**$ 53,050.00**	**$ 53,050.00**
Whale Cove	1976	1	*	$ 30 00	$ 30 00
	1977	*	*	*	*
	1978	*	*	*	*
	1979	*	*	*	*
	1980	*	*	*	*
Yellowknife	1976	46	$310,900 00	$ 41,115 00	$352,015 00
	1977	61	$293,802 00	$ 27,455 00	$321,257 00
	1978	47	$177,105 00	$ 12,947 00	$190,052 00
	1979	61	$620,518 00	$123 017 00	$743,535 00
	1980	**28**	**$384,243.47**	**$ 54,200.00**	**$438,443.47**
Unsettled	1976	12	$164,000 00	$ 70,860 00	$234,860 00
	1977	17	$ 37,625 00	$109,710 00	$147,335 00
	1978	11	$ 56,085 00	$123,050 00	$179,135 00
	1979	1	*	$ 30,000 00	$ 30,000 00
	1980	**7**	*	**$150,500.00**	**$150,500.00**
Totals	1976	186	$1,444,365 00	$642,135 00	$2,086,500 00
	1977	173	$ 612,852 00	$941,855 00	$1,554,707 00
	1978	161	$ 429,800 00	$5,873,986 00	$6,303,786 00
	1979	195	$1,367,673 00	$2,491,876 00	$3,859,549 00
	1980	**149**	**$1,427,543.47**	**$5,326,749.00**	**$6,754,292.47**

Causes of Fire

Listing as to cause of Fire	Year	No. of Fires	$ Loss
1. Heating			
I Stoves, Furnaces and Boilers	1976	8	$ 48,550.00
	1977	25	$184,400.00
	1978	15	$333,644.00
	1979	26	$404,940.00
	1980	**16**	**$879,100.00**
a Solid Fuel	1976	5	$ 33,450.00
	1977	4	$ 84,950.00
	1978	3	$158,000.00
	1979	4	$ 39,020.00
	1980	**4**	**$ 43,000.00**
b Oil Fired	1976	7	$ 18,200.00
	1977	9	$108,500.00
	1978	10	$174,094.00
	1979	9	$156,315.00
	1980	**10**	**$175,900.00**
c Gas Fired	1976	4	$100,330.00
	1977	2	$ 250.00
	1978	*	*
	1979	13	$209,605.00
	1980	**2**	**$660,200.00**
II Defective and Overheated Chimneys and Flues	1976	4	$ 3,700.00
	1977	2	$ 7,100.00
	1978	4	$ 2,800.00
	1979	2	$ 6,455.00
	1980	**2**	**$ 22,200.00**

	Year	No. of Fires	$ Loss
III Hot Ashes, Coals, Open Fires	1976	4	$ 2,515.00
	1977	3	$ 850.00
	1978	1	$ 1,200.00
	1979	2	$ 2,550.00
	1980	**1**	**$175,000.00**
2. Electrical Wiring and Appliances	1976	32	$222,350.00
	1977	34	$408,332.00
	1978	45	$402,820.00
	1979	39	$675,318.00
	1980	**27**	**$564,650.00**
3. Smoking			
a Matches	1976	19	$200,530.00
	1977	21	$115,850.00
	1978	28	$225,940.00
	1979	20	$267,150.00
	1980	**21**	**$175,750.00**
b Smokers' Carelessness	1976	22	$271,650.00
	1977	19	$116,896.00
	1978	21	$289,500.00
	1979	38	$626,685.00
	1980	**17**	**$101,700.00**
4. Petroleum and its Products	1976	19	$211,390.00
	1977	15	$202,900.00
	1978	20	$199,635.00
	1979	13	$427,500.00
	1980	**12**	**$100,050.00**

	Year	No. of Fires	$ Loss
5. Exposure	1976	1	$ 21,000.00
	1977	3	$ 32,150.00
	1978	1	$105,000.00
	1979	1	$ 250.00
	1980	*	*
6. Incendiarism	1976	7	$ 37,370.00
	1977	9	$ 24,050.00
	1978	6	$4,638,000.00
	1979	5	$ 207,109.00
	1980	**7**	**$3,867,600.00**
7. Miscellaneous			
a Lighting	1976	*	*
	1977	*	*
	1978	*	*
	1979	*	*
	1980	*	*
b Lights, Other than Electrical	1976	1	$ 500.00
	1977	1	$750,000.00
	1978	2	$ 8,000.00
	1979	3	$ 20,000.00
	1980	*	*
c Sparks on Roofs	1976	*	*
	1977	*	*
	1978	*	*
	1979	*	*
	1980	*	*

	Year	No. of Fires	$ Loss
d Spontaneous Ignition	1976	4	$ 35,850.00
	1977	1	$ 6,500.00
	1978	*	*
	1979	14	$ 91,160.00
	1980	*	*
e Miscellaneous	1976	17	$153,910.00
	1977	6	$ 41,050.00
	1978	12	$ 58,280.00
	1979	7	$105,110.00
	1980	**24**	**$158,693.47**
8. Unknown	1976	20	$337,390.00
	1977	12	$ 77,445.00
	1978	8	$ 39,280.00
	1979	25	$932,074.00
	1980	**22**	**$709,999.00**

Occupancy Group Classification

	Year	No. of Fires	$ Loss
1. **Residential Properties**	1976	93	$ 610,020.00
	1977	74	$ 580,015.00
	1978	94	$ 584,759.00
	1979	118	$2,198,513.00
	1980	**100**	**$1,754,749.00**
2. **Institutional Buildings**	1976	4	$ 502,520.00
	1977	5	$ 245,000.00
	1978	*	*
	1979	5	$ 101,000.00
	1980	**5**	**$3,875,000.00**
3. **Assembly Buildings**	1976	6	$ 73,350.00
	1977	3	$ 240,000.00
	1978	1	$4,586,230.00
	1979	5	$ 17,568.00
	1980	**2**	**$ 15,700.00**
4. **Farm Properties**	1976	*	*
	1977	*	*
	1978	*	*
	1979	*	*
	1980	*	*
5. **Manufacturing Properties**	1976	8	$ 65,050.00
	1977	*	*
	1978	*	*
	1979	9	$216,551.00
	1980	*	*

	Year	No. of Fires	$ Loss
6. Mercantile Properties	1976	51	$915,460.00
	1977	3	$830,000.00
	1978	20	$364,390.00
	1979	11	$464,907.00
	1980	**16**	**$958,350.00**
7. Miscellaneous Properties	1976	23	$ 16,100.00
	1977	11	$ 38,950.00
	1978	39	$490,307.00
	1979	47	$767,760.00
	1980	**28**	**$166,193.47**
Totals	1976	185	$2,182,500.00
	1977	171	$1,479,172.00
	1978	161	$6,295,786.00
	1979	195	$3,766,299.00
	1980	**149**	**$6,754,292.47**

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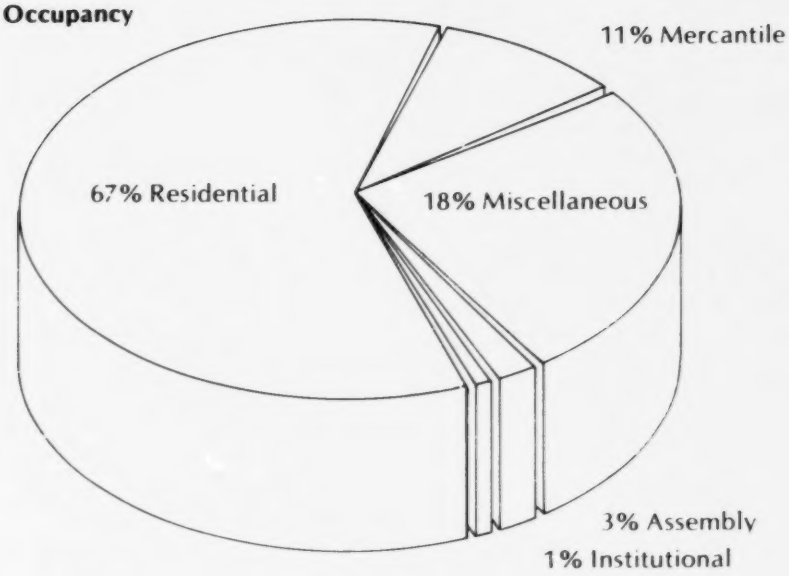
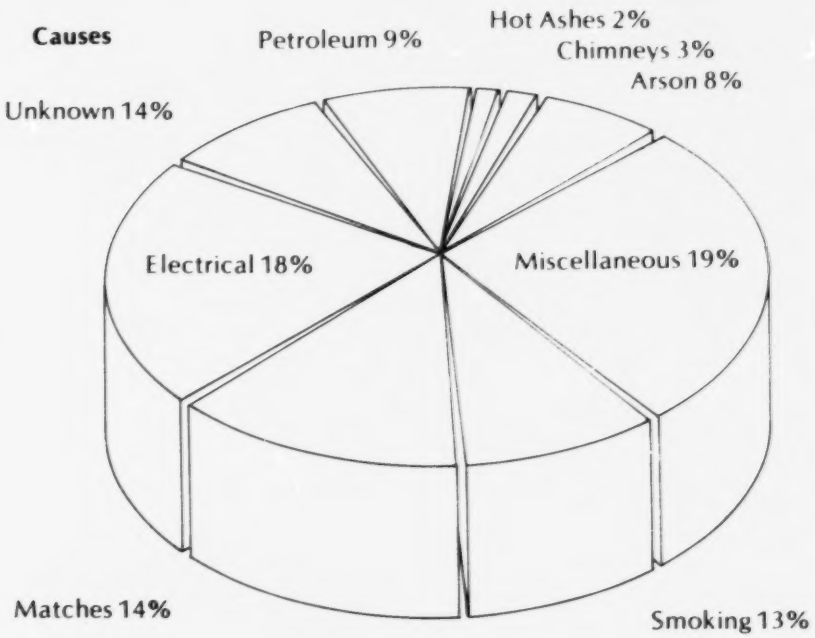
Occupancy



Causes



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Large Loss Fires

$50,000.00 and Over

Date	Location	Occupancy	Cause	$ Loss
1976				
Feb. 15	Echo Bay	Garage	Unknown	$ 75,000.00
Feb. 21	Hay River	R.C.M.P.	Welder	500,000.00
Mar. 27	Ft. Res.	Dwelling	Unknown	70,000.00
Apr. 13	Yellowknife	Garage	Welder	150,000.00
Apr. 18	Inuvik	Helicopter	Fuel Spill	200,000.00
May 15	Pelly Bay	Church	Matches	50,000.00
Aug. 4	Eureka	Weather Stn.	Gas Explosion	100,000.00
Nov. 17	Pond Inlet	Dwelling	Cigarette	67,000.00
Nov. 26	Yellowknife	Garage	Unknown	109,500.00
1977				
Jan. 25	Ft. Norman	Garage	Battery Charger	55,000.00
Feb. 6	Ft. Franklin	Church	Overheated Woodstove	70,000.00
Apr. 17	Tuktoyaktuk	Dwelling	Gasoline Spill	70,000.00
July 4	Pine Point	Vehicle	Hydraulic Fluid	70,000.00
Aug. 16	Hay River	School	Heating Tape	200,000.00
Dec. 21	Baker Lake	Co-op	Candle	100,000.00
1978				
Mar. 11	Rankin Inlet	D.P.W. Garage	Arson	120,000.00
Mar. 18	Rankin Inlet	School	Arson	4,500,000.00
Apr. 1	Pine Point	Rec. Hall	Children/Matches	80,000.00
Apr. 12	Frobisher Bay	Club/Scout Hall	Thawing Pipes	105,000.00
Aug. 10	Ft. Smith	Workshop	Children/Matches	50,000.00
Sept. 2	Hay River	Hotel	Cigarette	225,000.00
Sept. 20	Inuvik	Dwelling	Fireplace	75,000.00
Nov. 24	Rankin Inlet	Office/Res.	Electric Heater	80,000.00

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Date	Location	Occupancy	Cause	$ Loss
1979				
Jan. 3	Yellowknife	Apartment	Cigarette	122,000.00
Jan. 19	Inuvik	Apartment	Unknown	400,000.00
Feb. 21	Baker Lake	Hydrogen Shed	Electrical	250,000.00
Feb. 23	Hay River	Warehouse	Heating Equipment	50,000.00
Mar. 28	Ft. Smith	Hydrogen Shed	Explosion	100,000.00
Apr. 9	Yellowknife	Top Electric	Unknown	89,101.00
Apr. 27	Hay River	Correctional Institute	Electrical	100,000.00
1980				
Feb. 1	Pine Point	School	Arson	3,500,000.00
Mar. 1	Yellowknife	Residence	Food on Stove	70,000.00
Apr. 2	Ft. Smith	Hotel	Arson	50,000.00
May 16	Inuvik	Residence	Arson Suspected	60,000.00
July 30	Rankin Inlet	Residence	Electrical	55,000.00
Aug. 30	Snare Lake (unsettled)	Residence	Unknown	120,000.00
Oct. 5	Frobisher Bay	Residence	Unknown	75,000.00
Oct. 10	Ft. Smith	School/Residential	T.V. Set	300,000.00
Oct. 12	Rankin Inlet	Co-op	Arson	100,000.00
Nov. 19	Ft. Good Hope	School	Hot Water Heater	70,000.00
Nov. 19	Pangnirtung	Duplex	Unknown	349,999.00

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Fire Deaths and Injuries

Deaths

Deaths from fires resulted from a number of causes including

misuse of flammable liquids	2 deaths
children playing with matches	2 deaths
cigarette smoking	1 death
furnace malfunction	5 deaths
electrical overload of lamp	2 deaths
kitchen area exact cause unknown	4 deaths
Total Deaths —	16

Injuries

matches lighter	3
escaping from fire	14
firefighters on duty	2
furnace malfunction	3
unknown	1
Total Injuries —	23

Most of the above deaths and injuries are attributable to human error. We are committed to increasing and expanding our public education Fire and Electrical Safety Program in the schools, the home, and in the work place.

Deaths			Injuries			Cause
Men	Women	Children	Men	Women	Children	
		1	2			Child — Matches
2						Flammable Liquid
1						Cigarette
			2			Fire Fighter on duty
			2	5		Escaping from fire
			1			Escaping from fire
		1				Playing with matches
			1			Escaping from fire
1				1	2	Furnace
2	1	1				Furnace
1						Flammable Liquid
			1			Cigarette Lighter
1		1				Food on Stove
			1			Unknown
2						Electric Lamp
			1	1	3	Escaping from fire
1						Succumbed to injuries — fire occurred in 1979
Total **11**	**1**	**4**	**11**	**7**	**5**	

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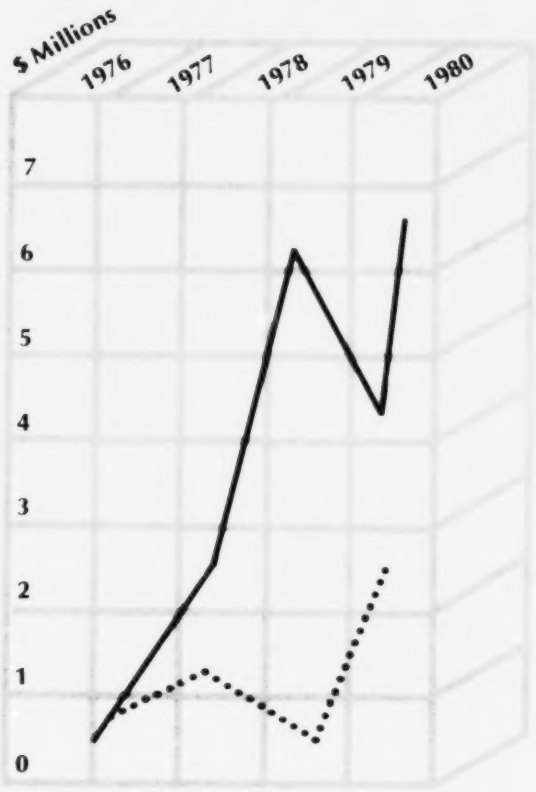

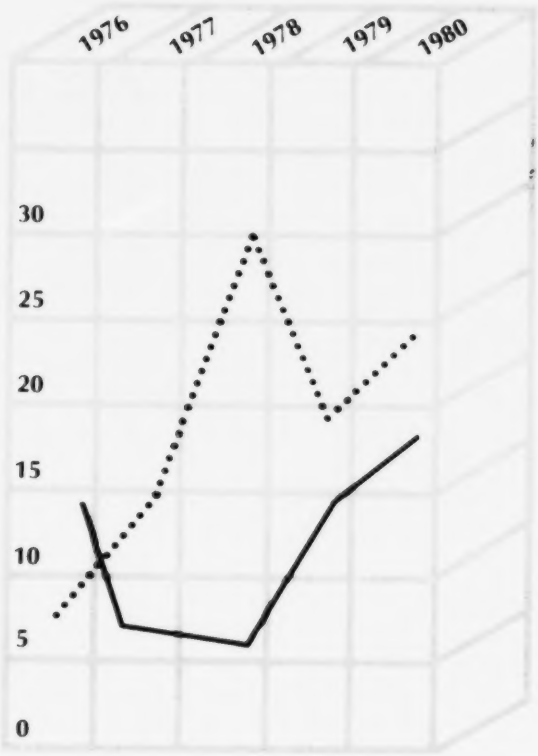

Fire Loss ———

Residential in Relation to Total Loss .....

Deaths ———

Women — 1
Men — 11
Children — 4 = 16

Injuries .....

Women — 7
Men — 11
Children — 2 = 23

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Inspections

Fire Safety

Year	No. Carried Out
1976	1,831
1977	1,500
1978	3,500
1979	5,000
1980 *(Includes those done by Fire Departments)*	**3,500**

To educate building users and lower the cause of fires, inspections were carried out within public and Government sponsored homes, schools, and operational buildings.

Hotels, Nursing Stations and Homes and Power Houses were also inspected throughout the Territories during the past year.

Special Investigations and Allied Crimes

Of the seven fires attributed to arson incendiarism, several are still under investigation. The major loss, that of a secondary school, has brought about the installation of sprinkler systems to all new assembly buildings in the educational class within the Territories as a safeguard against such acts.

The persons responsible for the destruction of buildings over the past year through arson incendiarism ranged from juvenile, through adult.

Year	No. of Investigations	No. of Prosecutions	No. of Convictions
1976	8	-	-
1977	13	1	1
1978	5	5	5
1979	8	-	-
1980	7	**1**	**1**

The following reflects the dollar loss through Arson incendiarism over the past four (4) years.

Arson

1977	$ 79,000.00
1978	$4,586,000.00
1979	$ 248,000.00
1980	**$3,622,500.00**
Total Loss	$8,535,500.00

Incendiarism

1977	$ 24,050.00
1978	$134,000.00
1979	$207,109.00
1980	**$100,000.00**
Total Loss	$465,159.00

Overall Loss — $9,000,659.00

Plan Review

The Fire Marshal is responsible for reviewing plans and specifications for the construction, alterations or repair of structures with a view to determining that proper precautions are taken against fire and the spread of fire.

Two hundred and twelve (212) plans were reviewed. Low Cost and staff accommodation were registered as one plan even though more were erected.

Considerable time was spent with large mining complexes in various locations throughout the N.W.T.

Numerous meetings were held with architects, engineers, town planners, developers and contractors.

These meetings accomplish a number of items:

1) They educate the people who are responsible for the design and construction of

the building to conform to the established codes of the N.W.T.

These codes include:

The National Building Code 1980
National Fire Code of Canada 1980
Canadian Electrical Code
Canadian Gas Association B 149.2 (Propane)
Canadian Gas Association B 249.1 (Natural Gas)
Canadian Standards Association B 139 (Oil Burning)
N.W.T. Revised Ordinances Chapter F5 Fire and P5 Petroleum

2) They help to search out and regulate on new building materials on the market.

3) Due to climatic conditions encountered, Fire Protection and Safety features must be engineered and designed into the building which will withstand severe temperatures and still function as it would in Southern Canada.

Training Programs

In June a training seminar was held for three days in Hay River. This seminar was conducted by the Fire Fighters Association in conjunction with the Fire Marshal's office.

Sixty six (66) delegates attended from the various departments within the N.W.T.

The training consisted of practical applications of fire fighting procedures using several condemned buildings which were set afire and the members, under instruction, carried out extinguishing techniques and ventilation practices.

Smoke generators were used to simulate conditions which might be encountered, and all members experienced the problems which might be encountered during an actual fire.

Training sessions were carried out through the year with the following Volunteer Fire Brigades:

- Fort Norman
- Norman Wells
- Sanikiluaq
- Arctic Bay
- Hay River
- Baker Lake
- Rankin Inlet
- Cape Dorset
- Pangnirtung

Several of the above Settlements and Hamlets received new fire fighting vehicles and volunteer fire fighters were trained in the practical and theoretical operation of the pump through the tank, and drafting from static water supplies where possible.

Film Library

The purchase of a Video Cassette Recorder and camera during the past year has brought a new dimension to the source of learning through films.

It has made it possible to record on tape, training sessions and informative seminars pertaining to all facets of Safety.

Together with the many excellent films already held and those newly purchased, this new form enhances the scope of learning and on the spot critiques of safety procedures during training.

The resources now available will, in the long run prove most beneficial to all who avail themselves to viewing them. Current indications of the library's extensive use bear this out.

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Training Films for Fire Departments

Ground Ladders
Handling LP Gas Emergencies
Fighting Tank Fires
Ventilation
The Nature of Fire
Combat
The Nozzleman
Using Water Wisely
Firefighting Strategy
Today's Firefighter
Where's the Water
Co-ordinated Fire Attack
Ansul Training
BLEVE (Boiling Liquid Expanding Vapour Explosion)
Portable Fire Extinguishers
The ABC and D's of Portable Fire Extinguishers
The Anatomy of Arson (Restricted) for Fire Department and Police Use Only
Self-Contained Breathing Apparatus
Code 3
Bomb Threat
The Science of Fire
Dry Chemical Fire Extinguishers
High Rise Building Fire
Closed Containers and Fire
Fire Hose
Prognosis Fire
The Easy Way Out
Fire Fighting and Electricity
Structural Fire Attack
Basic Search and Rescue
Breathing Apparatus — Why?
The Foam Film
Fire Concepts and Behavior
Alarm
Tall Dilemna
High Rise Building Problems
Instant Arson (Restricted) for Fire Department and Police Use Only
Basic Rescue I
Basic Rescue II
Basic Rescue III
Basic Rescue IV
Basic Rescue V
Arson Investigation (Restricted) for Fire Department and Police Use Only
The Fire Bugs (Restricted) for Fire Department and Police Use Only
How to Fight Fires with Ansul Wheeled Extinguishers

Training Slides — Fire

Unloading and Advancing Hose Lines
Basic Hose Loads
Forward Hose Lays
Reverse Hose Lays
Extend and Reduce Hose Lines
Hand Portables — Inspection and Maintenance
Hand Portables — Use
Wheeled Units — Operation and Recharge
Wheeled Units — Inspection and Testing
Scott Air Pack — Inspection and Testing
Scott Air Pack — Use
Ladders
Pumpers
Fire Safety — What's That?
Common Forcable Entry Tools
Loading Rack Fires
Salvage and Overhaul
Time
Ventilation — Parts 1 and 2
Safety At The Fire
Tools or Weapon
Physical Condition
The Firefighter and Plastics
Fire Safety in Hospitals
Home Fire Detectors
Prevent Welding and Cutting Fires

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Fire Safety For Group Showing

Fatal Fire In Town
Know Your Fire Hazards
Condemned
Are You Safe At Home
Hot Stuff
Fire — Not In My House
Fire — Two Ways Out
Fire In My Kitchen
Have A Wonderful Evening
Fire — Sound The Alarm
Another Man's Family
Hospital Fire Safety
Your Clothing Can Burn
The Fire Finders
Holding Hands
Lucy Becomes A Volunteer Fireman
They Called It Fireproof
The Price of Fire
Our Obligation
Liquids Can Burn
Are We Fire Safe
Hot Cords Can Burn
Flammable Liquid Fire Safety
Prevent Welding Cutting Fire
It's Time To Light The Fire
Mobile Home Fire Safety
He Comes Without Calling
Why?
You and Yours
The Bondi Story
A Cry For The Children
Sprinklers — Myth or Magic
Learn Not To Burn
Where's Tommy?
Safe And Warm
The Unique Breed
Fire Safety For The Elderly
The National Fire Drill
Matches
Hard The Safety Fairy Sings
Sparky And The Snat
Home Escape Planning
Smush The Fire Out
Fire Safety — What's That
It's Your Life
Hansel and Gretel "Fire and The Witch"

Safety Films

Ice Safety
Hand Tools
Power Tools
Ten Commandments of Gun Safety
It Didn't Have To Happen
Poisons
Charlie's Day
It's Your Accident
Hot Water Tank Explosions
Falls Can Cripple
The Unplanned
Don't Take Chances
Safe Bicycling
Snowmobile Safety
Play Safe With Snowmobiles
Just Once
Read the Label and Live
Your Job
How to Have an Accident in the Home
Drown Proofing
Accidents Don't Happen
Prognosis Safety
Safe Boating is Fun
Danger Alive
Shock
Rubble Trouble
You Bet Your Eyes
Reasons For Caring
Who Will I Sentence Now
Sound of Sound
Hazardous Situations
Slips and Falls
Striking Against Objects
Eyes, Hands, Feet
Confined Space Hazards
Cold Can Kill
Invisible Danger

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Listen While You Can
Boilers and their Controls
A Matter of Distance
A Matter of Adjustment
A Matter of Intersections
A Matter of Speed
A Matter of Darkness
A Matter of Passing
Dangerous Playground
It's Happened Before
Grounds for Concern
Step Right Up
The Road Builders
One Last Shock

Safety Slides

School Safety
Traffic Safety
Physical Condition
Safe Driving
Transit Safety
Shop Safety — Screwdriver, Wrenches, Sheet Metal, Welding
Shop Safety — Handsaws, Chisels, Files
Shop Safety — Drill Press, Lathes
Shop Safety — General Hazards
Keep Clean — Guard Sight, Guard Hands
Supervisor — Health, Fire
Handtools — Lifting Attitudes

A N N U A L R E P O R T

INDUSTRIAL SAFETY

R. A. Robinson
Head, Industrial Safety Section

ANNUAL REPORT
SAFETY DIVISION

Duties and Responsibilities

This section is responsible for the administration of the Safety Ordinance and its Regulations.

The Section Head is appointed a Deputy Inspector under the Explosives Ordinance. He represents the Government of the Northwest Territories on Federal and interprovincial committees and institutions dealing with Industrial Safety.

Safety Officers are appointed inspectors under the Petroleum Products Ordinance.

The Industrial Safety Section is comprised of the Section Head and one Safety Officer.

Section Programs

Programs within the Section are: Safety Seminars, High School Industrial Arts Presentations, Bicycle and Boat Safety, as well as Work Place Inspections and Monitoring.

Our Programs are carried out through Safety Seminars in which all Sections of the Division actively participate. As well, we offer Safety Presentations to the Industrial Arts area of High Schools.

Our purpose is to educate management and employees in safety. The School Program is geared to educate grade 11 and 12 students, our future work force. Some of these students have summer construction jobs and most often do not have any safety awareness.

The Bicycle Safety and Safe Boating Programs are conducted in conjunction with the Royal Canadian Mounted Police.

Workplaces throughout the Territories are visited and working conditions assessed and monitored. The standards of work conditions and practices are set by the Safety Regulations.

During these visits, information and guidance are supplied to employers and employees in an attempt to generate an atmosphere of willing compliance with the standards. Co-operation is most often generated through this approach.

This Section also co-operates with Community Organizations, Government Departments, private industry and other agencies in promoting Public Safety.

The Occupational Health and Industrial Safety Sections are working "hand in hand" with the Workers' Compensation Board. It is hoped that health and injury hazards will be reduced as well as claims to the Board. Claims are a reflection of injury to the individual.

Occupational health and safety information available to us and, in turn, to the public, has been increased by the use of a Computer hook-up with the Canadian Centre for Occupational Health and Safety, based in Burlington, Ontario.

Goals for 1981

Goals for this Section for 1981 are to promote safety programs to the future work force, to decrease the number of injuries and claims to Workers' Compensation Board and to increase awareness to all that safety is everyone's business.

Industrial Safety Section Statistics for 1980

	Year to Date
Settlements visited	37
Inspections	148
Re-inspections	99
Meetings	36
Safety Seminars	5
Orders Written (deficiencies)	822
Stop Work Orders	Nil
Incomplete Calls	10
Safety Programs	7
Safety Committees Reporting	7
Complaints	21
Public Safety Programs	2
Conferences and In-service Training	9
Computer Reports	50
Film Presentations	1

All persons involved were written to and copies of reports were enclosed or hand delivered, along with safety material.

Work Injury Statistics

The percentages shown on the left indicate the occurrence of accidents in the Northwest Territories in 1980. No lost time and lost time values are percentages of the total number of industrial accidents that occurred.

— no lost time	57%
— lost time	30%
— miscellaneous	5%

Hard hats, goggles, gloves, safety shoes and normal work clothing should be worn where required on the job. These are normal requirements for safe working conditions. The percentages shown indicate the areas of the body that can be protected and the occurrence of accidents could be greatly reduced.

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No Lost Time		Lost Time
3%	Head	1%
8%	Eyes	4%
2%	Face	1%
1%	Neck	5%
3%	Chest	1%
7%	Back	8%
4%	Arms	3%
7%	Hands	4%
12%	Fingers	5%
5%	Legs	5%
5%	Feet Ankles	5%

21% of all accidents occurred to the head area

26% of all accidents occurred to this area

28% of all accidents occurred to the hand and finger area

20% occurred in this area

5% were miscellaneous occurrences

Fatal accidents 5 Mines 4
Private 1
Lost Time 725 No Lost Time 1206
Reported Industrial Accidents 1931

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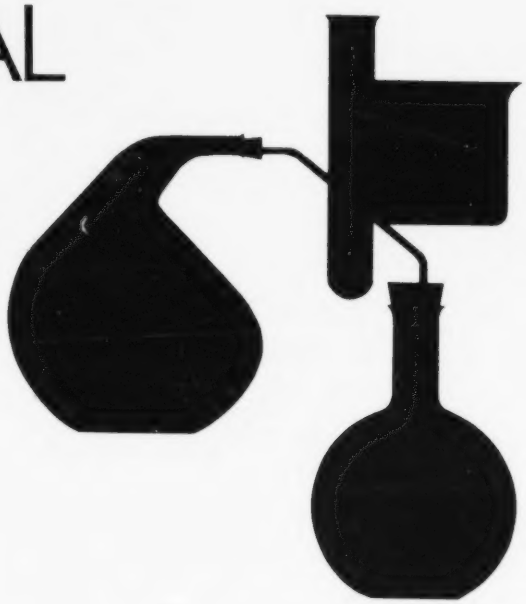
OCCUPATIONAL HEALTH



L. Nowakowski
Head, Occupational Health Section

ANNUAL REPORT
SAFETY DIVISION

Duties and Responsibilities

This Section is responsible for the administration of the occupational health aspects of the Industrial Safety Ordinance and its Regulations.

The Section Head is appointed as a Safety Officer under the Safety Ordinance and as Registrar of Miners' Medical Certificates under the Mining Safety Ordinance.

The Section Head represents the Territorial Government on Federal and inter-provincal committees and institutions dealing with Occupational Health and Safety. Programs developed are to provide an informational, educational and advisory service to all employers and workers.

The activities in the Occupational Health Section have been readily increasing in the last year.

Settlements visited	11
Number of Inspections	44
Information requests and Complaint Investigations	102
Computer Searches	50
Seminars (Occ. Health & Safety)	3
Training and Conferences Attended	7
Presentations	3

Major Projects 1980:

* Occupational Health revisions draft to Industrial Safety Regulations
* Right to Refuse — legislation proposal
* N.W.T. Asbestos and Insulation Survey — ongoing (including identification of urea formaldehyde foam)
* Workers' Compensation — Safety Division joint public relations, accident and workplace investigations
* Computer Information — Canadian Center for Occupational Health and Safety — International Labour reports
* Handling, use, disposal of hazardous chemicals data
* Miner's Medical Certificates and Registrar, re-organization and registration program for N.W.T. mines
* Program development — N.W.T. Hearing Conservation Program
* Information Bulletins/Hazard Warnings — Occupational Health and Safety data
* Liaison — other Government Agencies: Discussions — occupational concerns
* Safety Seminars — Rankin Inlet, Yellowknife, Cambridge Bay

Programs and Plans

The prime objective in promoting Occupational Health and Safety is the dissemination of information throughout the Northwest Territories. Developing an up to date resource facility, expertise, and liaison base with experts in Occupational Health and Safety across Canada has been increasingly important.

The concept of education and advisory service to all employers and workers reflects the awareness and concern of the Safety Division for the identification and elimination of possible hazards in the workplace. A close developing relationship with the Industrial Safety Section increased the monitoring and inspection of both the health and safety aspects of the workplace in the Northwest Territories. The programs established and developed by the Occupational Health and Safety Sections are to promote the understanding of the workplace by the average worker. The participation of the Fire Safety, Electrical/Mechanical, Industrial Safety and Occupational Health Sections in the Safety Seminars is the basis for a greater understand-

ing of the problems faced in the Northwest Territories

The final draft of the Occupational Health and Safety Regulations amended to the present Industrial Safety Regulations will be completed in 1981

A project of great impact has been the promotion of public awareness of various health and safety aspects of the working environment A beneficial liaison with Workers' Compensation established in 1980 will continue to grow and expand for 1981 Progress has been made in developing workable programs with other government agencies as well as private and big industry

An Asbestos Survey commenced in early June for identifying facilities in the Northwest Territories that may have asbestos-type insulation This survey also included a review of polyurethane type foams to screen for urea formaldehyde foam insulation The sampling survey was done by members of the Safety Division while on regular inspections as well as the Department of Public Works in the various Regions To date over 60 samples from the four Regions have been sent out for screening This is an ongoing project and will be completed in 1981

A computer terminal with access to International information on Occupational Health and Safety was established as a pilot project of the Canadian Centre for Occupational Health and Safety in Hamilton, Ontario The Centre was created by the Federal parliament in 1978 with the mandate "to promote the fundamental right of Canadians to a healthy and safe working environment". Workers, management, unions, government departments and the public have been encouraged to request information relating to work environment The data base information will assist the Safety Division in supplying information understandable to the individual worker as well as to policy makers in government, to employers, and to researchers in industry The completion of this study, its success and future will be reviewed in 1981

All programs researched and developed in 1980 are the basis for those implemented by the Safety Division An additional number of studies on the impact of environmental factors on workers' health are planned for 1981

ANNUAL REPORT

LABOUR

E. Smith
Head, Labour

ANNUAL REPORT
SAFETY DIVISION

The mandate of the Labour Section encompasses the administration of four pieces of legislation: the Labour Standards Ordinance, the Wages Recovery Ordinance, and the Employment Agencies Ordinance.

1980 saw amendments to three of these Ordinances.

The minimum wage rates contained within the Labour Standards Ordinance were increased effective May 15, 1980. The new rates are:

$3.50 per hour for persons 17 years of age or older, and

$2.95 per hour for persons under 17 years of age,

or the equivalent of these rates for the time worked.

The revised minimum wage rates were extensively advertised in newspaper and on television.

The Fair Practices Ordinances was amended to modify the absolute exemption granted to certain organizations. Prior to the amendment these organizations were exempted in total from the application of the Ordinance. Now, in most respects they are bound by the provisions of the legislation.

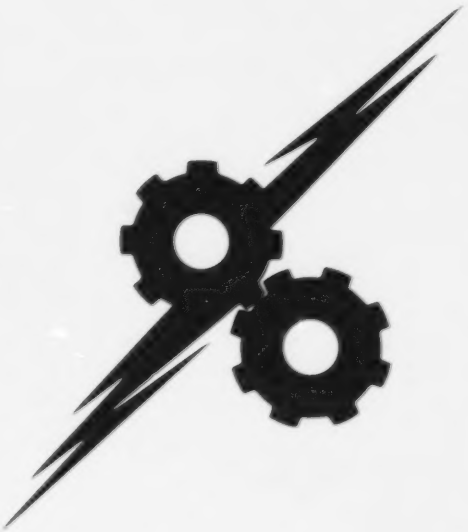
The Employment Agencies Ordinance was also amended, and regulations were signed into law, which provide a method by which private employment agencies may be licenced and operate. Prior to these changes, private employment agencies which operated for profit were banned absolutely.

The Labour Section continued in its role of accepting and investigating complaints filed under the provisions of the Labour Standards and Fair Practices Ordinances.

As in the past, the vast majority of the cases have resulted from Labour Standards claims, with only a few being generated by the Human Rights Legislation (Fair Practices Ordinance).

A N N U A L R E P O R T

MECHANICAL /ELECTRICAL



I. Grabke
Head, Mechanical/Electrical Section

ANNUAL REPORT

The Mechanical/Electrical Section implements the Electrical Protection and Boilers and Pressure Vessels Ordinances. This involves reviewing plans and designs to ensure conformity with relevant codes and standards, examining and certifying persons and equipment. A major aspect of this section's work entails inspection of installations and investigations of accidents and fires.

Over the past three years there has been a steady increase in the number of electrical permits issued requiring a concomitant increase in inspections. The number of inspections required has exceeded our capacity to respond with the manpower we have.

The biennial electrical seminar was held in Yellowknife, N.W.T. and, as on previous occasions, was very successful. Over the next two or three years we will be assisting, whenever possible, in implementation of the Isolated Community Wireman Program.

Program Review to January 1, 1981

Boilers and Pressure Vessel Ordinance

	Registered	Inspected	Pressure Welders	Engineer's Exams	Design Registration	Gas Inspections
Jan. 1/78 - Jan. 1/79	2557	1459	8	46	42	
Jan. 1/79 - Jan. 1/80	2659	758	7	67	54	3
Jan. 1/80 - Jan. 1/81	3413	1046	19	49	128	26

Electrical Ordinance

	Permits Issued	Registered Electricians	Electrical Inspections	Elevators Inspected	Plan Reviews
1978	1079		1618	24	86
1979	970		1362	48	86
1980	895	87	1535	32	94

	Cost of Travel	Total Revenue
1978	$28,618.69	$76,206.00
1979	$35,165.98	$63,368.50
1980	$42,559.85	$84,699.16

The increase in revenue is primarily due to the fee schedule change as of April 1, 1980.

POOR

QUALITY

ORIGINAL